

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended January 24, 1953.

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received by the Influenza Information Center, NIH, and by the National Office of Vital Statistics.

Dr. R. F. Feemster, Massachusetts Department of Public Health, reports significant rises in antibody titer for influenza A-prime in 4 of 5 paired sera from Navy personnel in Boston. The onsets were about January 3, and approximately 15 percent of this group became ill with an influenza-like disease during a 10-day period. Dr. Maxwell Findland, Boston City Hospital, reports the collection of paired sera from 10 patients in an armed service hospital in the Boston area. Eight sera showed 8- to 32-fold rises in antihemagglutinin for FM-1, and somewhat smaller rises with PR-8. One showed a 32-fold rise for PR-8 and 8-fold for FM-1, and 1 showed no change. Onsets of illness were on January 8 to 10. Clinically, the patients had symptoms consistent with influenza and had fever of 3 days duration or less, with no complications. Laboratory tests on throat washings have not been completed.

Dr. H. J. Shaughnessy, Illinois Department of Public Health, reports that 5 paired serum specimens from western Illinois have shown significant rises in complement fixing against influenza A-prime (FM-1). Another set of paired specimens showed a suggestive rise against type B.

Dr. Morris Schaeffer, CDC Virus Laboratory, Montgomery, Alabama, reports the isolation of influenza virus type A-prime (preliminary typing) from cases in Jacksonville, and Gainesville, Florida, and in the State of Nebraska. Clinical influenza has been prevalent in all of these areas for 2 weeks.

The Preventive Medicine Division, SGO, Army, reports continued moderate increases in respiratory disease rates in military installations in nearly all parts of the United States, but some have shown a decline in the last week. Influenza A-prime has been identified by serologic tests in Virginia, and by isolation of virus in Kentucky and Texas.

The Division of Preventive Medicine, United States Air Force, reports a continued high incidence of clinical influenza both in the United States (particularly in the Midwest) and overseas. Laboratory confirmation of influenza A-prime at a base in New Mexico is reported, and also a slight increase in clinical influenza at a base in California.

The National Institutes of Health has isolated influenza A-prime virus (preliminary typing) from 2 cases in the Washington, D. C., metropolitan area.

Dr. W. H. Y. Smith, Alabama Department of Public Health, reports a marked increase in upper respiratory infection in the State, most of which is reported to be influenza.

Dr. E. H. Lennette, California Department of Public Health, reports 23 cases of influenza diagnosed by serologic tests during the week of January 18 to 24. Fifteen of these were A-prime, and 8 could be classified only as being in the A group. For the week ended January 24, the largest number of clinical cases reported was from Santa Barbara County. Fourteen other areas in the State also reported cases.

Dr. F. P. Pauls, Alaska Department of Health, reports an outbreak of respiratory disease with influenza-like symptoms in the

Anchorage area of Alaska. Absenteeism in the schools has been as high as 35 percent. A small village south of Anchorage is similarly affected. The disease has been characterized by symptoms of fever and malaise with a duration of 2 to 3 days. Material for laboratory tests is being collected.

An increase of 15 percent occurred in the number of deaths from influenza and pneumonia reported by 58 cities for the week ended January 17. A total of 404 deaths was reported as compared with 350 (corrected figure) for the previous week. The numbers reported for these cities by geographic division, with figures for the previous week in parentheses, were: New England, 18(27); Middle Atlantic, 147(117); East North Central, 64(58); West North Central, 46(44); South Atlantic, 31(29); East South Central, 19(6); West South Central, 40(26); Mountain, 20(17); and Pacific, 19(26). When the figures for the week ended January 17 are compared with the average for the previous 3 weeks, it is found that influenza and pneumonia deaths increased in all groups of cities except the New England group. The largest percentage increase occurred in the East and West South Central groups. Incomplete data for the week ended January 24 suggest that the increase will not be as large as for the previous week. Total deaths from 106 cities for the weeks ended January 10, 17, and 24 have been approximately 10 percent above the 3-year median figures. These two groups of figures, namely, the number of deaths from influenza and pneumonia in 58 cities and total deaths in 106 cities, suggest that the current influenza epidemic is having some effect on mortality in the United States.

While the incidence of influenza and other respiratory infections has been reported to be high in certain countries of Europe, Africa and the Far East, laboratory evidence of infection has been received from only a few areas. A-prime virus has been isolated from cases in Tokyo. Serologic tests have indicated A-prime infections in United States military personnel in England, Germany, and France. A small outbreak of type B influenza has been reported in troops in Denmark but no spread to civilians. The WHO Regional Office for the Western Hemisphere (PASE) reports an increased incidence of influenza-like illnesses and respiratory disease in Mexico City during recent weeks. The disease appears to be benign, and there has been no increase in mortality rates. Local outbreaks of respiratory disease are now occurring in Quebec and Newfoundland. The disease is mild, and some of the patients have gastro-intestinal symptoms. Material is being collected for laboratory tests. The WHO Regional Office has also received information from WHO in Geneva that the number of cases of respiratory disease is increasing in southwest London. A-prime infection has been identified. In France the disease is more widespread, but milder than in 1950 and 1951. In Berlin, Germany, school children are principally affected; in Essen, an A-prime influenza is reported; and in the Saar, 20 percent of the population are reported to be ill. The disease is mild.

Psittacosis

Dr. M. M. Sigel, Children's Hospital, Philadelphia, reports additional information on the diagnosis of psittacosis among contacts of previously reported cases. The manager and clerk of a store in Newport, Pennsylvania, which was the source of an infection in a customer, became ill and were treated intensively with antibiotics. Convalescent sera from both individuals showed

a positive complement fixation reaction in dilution of 1/4 compared with a negative reaction in the acute phase sample. Sera from the members of the family of the fatal case occurring in Pittsburgh in November have been tested. Serum taken December 30 from the wife who had no demonstrable illness, was positive for psittacosis. Serum from the daughter, who was ill, was also positive. Serum from the son, who had an illness in November, was likewise positive. The CDC Laboratory at Montgomery has previously tested early samples of the sera from these 3 individuals and found them negative. Serum from a 20-year-old contact with this family who had no demonstrable illness, also gave a positive reaction. Paired serum samples from another patient in Pittsburgh, who became ill December 26, also showed a significant rise in complement fixing antibodies for psittacosis.

Salmonellosis

Dr. Dean Fisher, Maine Department of Health and Welfare, reports 3 cases of salmonellosis in a private family. Since the food responsible for the infection was not identified, the incubation period could not be determined. Stool specimens from the father and a small child showed *S. typhimurium*. No other pertinent

information could be obtained.

A summary of the reports on salmonellosis in infants, following the ingestion of dried egg yolk, shows that cases were found in 17 States and the District of Columbia. There was a total of 45 cases of *S. montevideo* infection in which laboratory confirmation of the diagnosis was obtained. There were 38 cases clinically diagnosed without laboratory confirmation. Four infants fed on the dried egg were reported to have other types of salmonella infection. *S. barielly* was found in 1, *S. tennessee* in 1, and *S. oranienburg* in 2. *S. montevideo* infections were also reported in which there was no history of contact with the egg product. Since the dried egg was not placed on the market until July 1952, and the first reports of illness were not made until November, it is quite probable that many more cases occurred, but were not recognized as salmonella infections. In addition to the above, other outbreaks of *S. montevideo* infections were reported in 1952. One was in a group of infants, discovered early in 1952, in a hospital in Massachusetts; another involved a family group in California in which ice cream was the vehicle of infection, and a third followed a church supper in Michigan in which a carrier presumably contaminated an article of food.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	Jan. 24, 1953	Jan. 19, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	¹ 1	-	-	(2)	(2)	(2)	(2)	2	1	2
Botulism-----049.1	-	-	---	(2)	(2)	(2)	(2)	-	2	---
Brucellosis (undulant fever)-----044	21	28	---	(2)	(2)	(2)	(2)	70	51	---
Diphtheria-----055	44	94	149	July 1	1,793	2,419	4,871	145	238	520
Encephalitis, acute infectious---082	19	24	11	(2)	(2)	(2)	(2)	42	65	25
Hepatitis, infectious, and serum-----092,N998.5 pt.	656	534	---	(2)	(2)	(2)	(2)	2,001	941	---
Malaria-----110-117	11	42	---	(2)	(2)	(2)	(2)	³ 40	96	---
Measles-----085	6,569	15,023	9,020	Sept. 1	48,912	93,108	53,622	18,138	40,931	23,405
Meningococcal infections-----057	153	130	106	Sept. 1	1,655	1,490	1,281	423	335	273
Polioomyelitis, acute-----080	189	136	116	Apr. 1	56,891	27,792	27,792	645	420	390
Rabies in man-----094	-	-	---	(2)	(2)	(2)	(2)	-	-	---
Rocky Mountain spotted fever-----104A	-	-	-	(2)	(2)	(2)	(2)	1	2	2
Scarlet fever and streptococcal sore throat-----050,051	4,594	2,496	2,314	Aug. 1	48,032	21,831	21,831	12,430	5,920	5,920
Smallpox-----084	-	-	-	(2)	(2)	(2)	(2)	-	3	3
Trichiniasis-----128	2	3	---	(2)	(2)	(2)	(2)	8	8	---
Tularemia-----059	18	24	24	(2)	(2)	(2)	(2)	46	46	75
Typhoid fever-----040	24	28	34	Apr. 1	2,070	1,867	2,464	81	82	91
Typhus fever, endemic-----101	4	2	---	Apr. 1	166	---	---	16	7	---
Whooping cough-----056	744	1,282	1,890	Oct. 1	9,954	17,707	26,920	2,097	3,522	5,206
Rabies in animals-----	150	196	---	(2)	(2)	(2)	(2)	412	443	---

¹Reported in New Jersey.

²Not computed.

³Addition: New York, week ended January 10, 9 cases.

NOTE.—The 46 cases of diphtheria reported from Massachusetts last week was an error made in the process of transmission of report. There were no cases reported in the State for that week.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, []: data not included in total; 3 dashes [---]: data not available.

Weekly Morbidity Report

3

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JANUARY 24, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIONOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)	
	3d week		3d week		3d week		3d week		3d week		3d week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	44	94	656	534	6,569	15,023	153	130	189	138	4,594	2,496
NEW ENGLAND-----	-	2	62	3	126	3,818	5	3	6	2	403	156
Maine-----	-	-	37	2	16	252	1	-	1	-	46	4
New Hampshire-----	-	-	-	-	11	255	1	-	-	-	10	9
Vermont-----	-	-	-	-	21	175	-	-	-	-	8	5
Massachusetts-----	-	2	25	-	50	1,809	1	2	3	-	142	86
Rhode Island-----	-	-	-	-	-	307	2	-	1	-	39	4
Connecticut-----	-	-	-	1	28	1,020	-	1	1	2	158	48
MIDDLE ATLANTIC-----	2	11	48	20	456	5,759	15	25	15	5	703	492
New York-----	2	3	42	3	175	2,442	6	10	10	3	377	266
New Jersey-----	-	-	-	-	74	1,490	4	2	2	-	126	73
Pennsylvania-----	-	8	6	17	207	1,827	5	13	3	2	200	153
EAST NORTH CENTRAL-----	7	4	109	91	2,719	2,023	25	18	30	13	962	676
Ohio-----	4	-	23	63	559	381	6	7	7	1	227	215
Indiana-----	1	-	7	5	12	397	1	1	1	2	160	66
Illinois-----	1	-	24	2	250	464	11	5	9	2	190	103
Michigan-----	-	3	47	16	626	321	7	1	13	3	258	222
Wisconsin-----	1	1	8	5	1,272	460	-	4	-	5	127	70
WEST NORTH CENTRAL-----	2	17	70	57	616	176	6	8	15	12	245	138
Minnesota-----	-	4	11	4	163	27	1	2	4	6	45	46
Iowa-----	2	8	9	38	99	38	1	-	-	1	41	-
Missouri-----	-	3	16	12	150	13	3	5	8	1	65	35
North Dakota-----	-	-	9	3	10	25	-	1	-	-	26	3
South Dakota-----	-	-	-	-	3	14	-	-	2	-	11	2
Nebraska-----	-	-	22	-	15	34	1	-	-	2	7	8
Kansas-----	-	2	3	-	176	25	-	-	1	2	50	44
SOUTH ATLANTIC-----	17	18	167	97	325	1,182	36	28	18	7	538	205
Delaware-----	-	-	-	2	-	4	1	-	-	-	7	5
Maryland-----	-	-	6	9	20	317	2	3	1	1	83	20
District of Columbia-----	-	-	-	-	4	86	2	2	-	-	13	16
Virginia-----	3	4	77	9	39	178	4	8	1	-	295	68
West Virginia-----	1	1	30	24	67	198	1	1	4	-	33	13
North Carolina-----	3	3	28	4	112	63	10	5	4	2	52	56
South Carolina-----	3	6	-	2	20	8	3	4	-	-	7	7
Georgia-----	5	2	23	47	52	255	6	3	3	1	29	11
Florida-----	2	2	3	-	11	73	7	2	5	3	19	9
EAST SOUTH CENTRAL-----	7	8	94	189	181	1,043	17	18	3	13	170	72
Kentucky-----	3	2	39	42	14	629	4	6	1	5	99	27
Tennessee-----	2	1	6	54	100	111	4	5	-	2	48	34
Alabama-----	2	4	33	92	31	276	6	6	1	3	19	8
Mississippi-----	-	1	16	1	36	27	3	1	1	3	4	3
WEST SOUTH CENTRAL-----	4	24	37	4	918	134	25	17	5	45	643	252
Arkansas-----	-	4	4	1	149	11	4	2	-	2	66	55
Louisiana-----	1	2	-	-	6	7	6	2	1	3	9	1
Oklahoma-----	1	4	6	3	8	18	1	4	2	-	7	20
Texas-----	2	14	27	-	755	98	14	9	2	40	561	176
MOUNTAIN-----	1	1	14	24	421	497	4	3	21	5	515	175
Montana-----	-	-	1	-	61	144	1	-	4	-	34	7
Idaho-----	-	-	2	-	15	17	-	1	1	1	204	13
Wyoming-----	1	-	-	-	17	6	-	-	-	-	5	24
Colorado-----	-	-	4	11	160	23	-	1	3	1	39	14
New Mexico-----	-	-	-	8	21	110	-	1	-	1	8	5
Arizona-----	-	1	2	3	19	96	1	-	1	-	10	69
Utah-----	-	-	5	2	112	100	1	-	6	2	211	40
Nevada-----	-	-	-	-	16	1	1	-	6	-	4	3
PACIFIC-----	4	9	55	49	807	391	20	10	76	34	415	330
Washington-----	2	1	4	29	120	92	-	2	4	4	152	70
Oregon-----	1	2	23	6	153	38	1	-	1	2	85	39
California-----	1	6	28	14	534	261	19	8	71	28	178	221
Alaska-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(1)	(4)	(-)
Hawaii-----	(-)	(-)	(-)	(-)	(3)	(866)	(-)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(10)	(12)	(-)	(-)	(8)	(32)	(-)	(-)	(-)	(1)	(-)	(-)

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

JANUARY 24, 1953

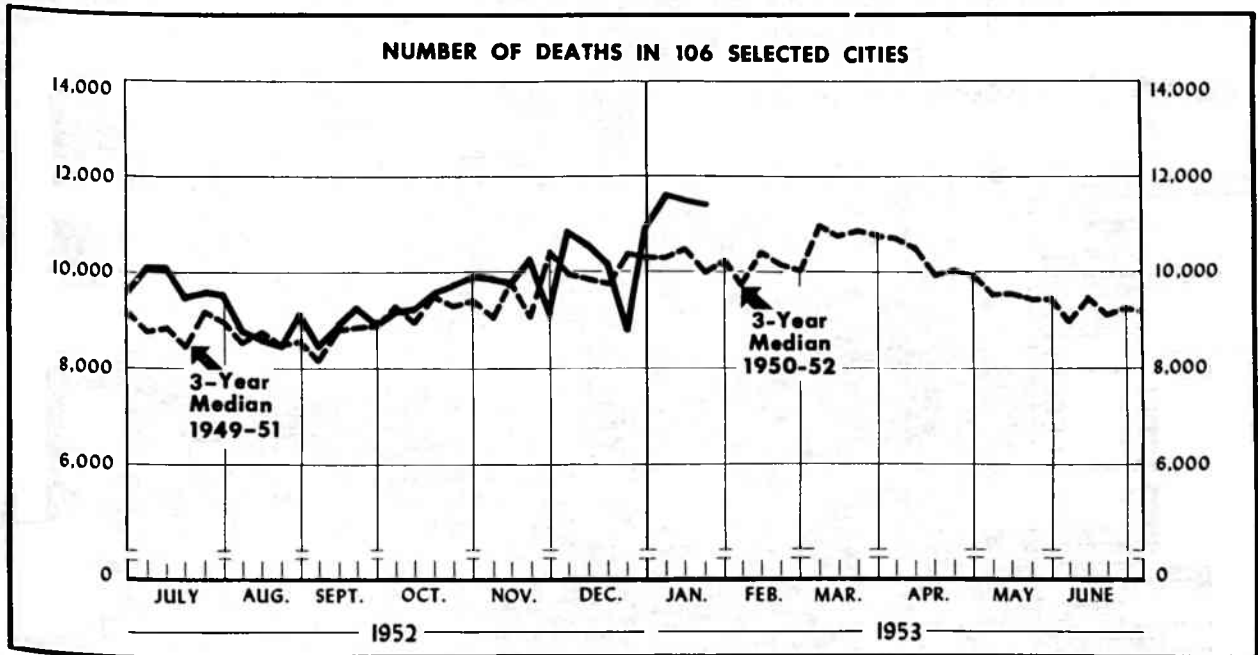
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Polioviruses, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050, 051)	Trichinosis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston-----	1	1	1	3	2	1	1	16	1	1	1	1	1	5	1
Bridgeport-----	1	1	1	1	9	1	1	6	1	1	1	1	1	4	1
Cambridge-----	1	1	1	1	1	1	1	4	1	1	1	1	1	3	1
Fall River-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hartford-----	1	1	1	1	1	1	1	23	1	1	1	1	1	1	1
Lowell-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Lynn-----	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1
New Bedford-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Haven-----	1	1	1	1	5	1	1	15	1	1	1	1	1	1	1
Portland, Me.-----	1	1	1	8	1	1	1	30	1	1	1	1	1	1	1
Providence-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Somerville-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Springfield, Mass.-----	1	1	1	1	1	1	1	8	1	1	1	1	1	1	1
Waterbury-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Worcester-----	1	1	1	21	1	1	1	17	1	1	1	1	1	2	1
MIDDLE ATLANTIC															
Albany-----	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Buffalo-----	1	1	1	1	2	1	1	3	1	1	1	1	1	1	1
Camden-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Elizabeth-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Erie-----	1	1	1	1	19	1	1	10	1	1	1	1	1	1	1
Jersey City-----	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1
Newark, N. J.-----	1	1	1	1	8	1	1	3	1	1	1	1	1	13	1
New York City-----	1	1	3	1	58	6	1	50	1	1	1	1	1	62	1
Petersen-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Philadelphia-----	1	1	1	3	5	1	1	32	1	1	1	1	1	20	1
Pittsburgh-----	1	1	1	1	2	1	1	4	1	1	1	1	1	4	1
Reading-----	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1
Rochester, N. Y.-----	1	1	1	1	2	1	1	46	1	1	1	1	1	1	1
Schenectady-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Syracuse-----	1	1	1	1	1	1	1	9	1	1	1	1	1	2	1
Trenton-----	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Utica-----	1	1	1	3	1	1	1	7	1	1	1	1	1	2	1
Yonkers-----	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
EAST NORTH CENTRAL															
Akron-----	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1
Canton-----	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1
Chicago-----	1	1	1	1	30	7	2	58	1	1	1	1	1	1	1
Cincinnati-----	1	1	1	1	12	2	1	15	1	1	1	1	1	4	1
Cleveland-----	1	1	1	1	3	1	1	33	1	1	1	1	1	18	1
Columbus-----	1	1	1	1	17	1	1	5	1	1	1	1	1	1	1
Dayton-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Detroit-----	1	1	1	2	11	1	1	44	1	1	1	1	1	48	1
Evansville-----	1	1	1	1	1	1	1	60	1	1	1	1	1	1	1
Flint-----	1	1	1	1	41	2	1	8	1	1	1	1	1	1	1
Fort Wayne-----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Rapids-----	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1
Indianapolis-----	1	1	1	1	1	1	1	13	1	1	1	1	1	1	1
Milwaukee-----	1	1	1	1	160	2	1	37	1	1	1	1	1	12	1
Pecunia-----	1	1	1	1	7	1	1	5	1	1	1	1	1	1	1
South Bend-----	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
Toledo-----	1	1	1	4	142	3	1	14	1	1	1	1	1	14	1
Youngstown-----	1	1	1	1	15	1	1	2	1	1	1	1	1	1	1
WEST NORTH CENTRAL															
Des Moines-----	1	1	1	1	3	1	1	2	1	1	1	1	1	3	1
Duluth-----	1	1	1	1	4	1	1	5	1	1	1	1	1	1	1
Kansas City, Kans.-----	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1
Kansas City, Mo.-----	1	1	1	1	46	1	1	9	1	1	1	1	1	1	1
Minneapolis-----	1	1	1	6	143	1	1	15	1	1	1	1	1	1	1
Omaha-----	1	1	1	22	3	1	1	1	1	1	1	1	1	1	1
St. Louis-----	1	1	1	1	73	2	1	9	1	1	1	1	1	1	1
St. Paul-----	1	1	1	1	4	1	1	3	1	1	1	1	1	1	1
Wichita-----	1	1	1	1	608	1	1	3	1	1	1	1	1	1	1

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
JANUARY 24, 1953—Continued
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Baltimore-----	-	-	-	-	3	1	1	-	48	-	-	-	-	4	-
Charleston, S. C.-----	-	-	-	4	2	-	-	-	-	-	-	-	-	-	-
Charleston, W. Va.-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Charlotte-----	-	-	-	-	10	-	-	-	2	-	-	-	-	1	-
Miami-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Norfolk-----	-	-	-	1	3	1	-	-	1	-	-	-	-	-	-
Richmond-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Savannah-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tampa-----	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-
Washington, D. C.-----	-	-	-	-	4	2	-	-	13	-	-	-	-	2	-
Wilmingon, Del.-----	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-
EAST SOUTH CENTRAL															
Birmingham-----	-	-	-	-	-	-	1	-	4	-	-	-	1	-	1
Chattanooga-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Knoxville-----	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
Louisville-----	-	1	-	-	-	-	-	-	6	-	-	-	-	-	-
Memphis-----	-	-	-	-	14	2	-	-	-	-	-	-	-	-	-
Mobile-----	-	-	-	-	-	3	-	-	1	-	-	-	-	2	3
Montgomery-----	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-
Nashville-----	1	-	-	-	-	1	-	-	4	-	-	-	-	-	-
WEST SOUTH CENTRAL															
Dallas-----	-	1	-	-	8	3	-	-	-	-	-	-	-	-	1
El Paso-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fort Worth-----	-	-	-	-	64	-	-	-	4	-	-	-	-	-	-
Galveston-----	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-
Houston-----	-	-	-	-	-	1	-	-	3	-	-	1	-	-	-
Little Rock-----	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
New Orleans-----	-	-	-	-	4	2	1	-	6	-	1	-	-	2	-
Oklahoma City-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Antonio-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shreveport-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Tulsa-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MOUNTAIN															
Albuquerque-----	-	-	-	-	1	-	2	-	1	-	-	-	-	-	-
Boise City-----	-	-	-	-	5	-	-	-	3	-	-	-	-	-	-
Colorado Springs-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Denver-----	-	-	-	3	10	-	-	-	7	-	-	-	-	1	-
Ogden-----	-	-	-	-	24	-	-	-	15	-	-	-	-	-	-
Phoenix-----	-	-	-	-	3	1	-	-	2	-	-	-	-	-	-
Pueblo-----	-	-	-	-	5	-	1	-	7	-	-	-	-	-	-
Salt Lake City-----	-	-	-	-	7	-	2	-	19	-	-	-	-	-	-
Tucson-----	-	-	-	-	10	-	-	-	2	-	-	-	-	-	-
PACIFIC															
Long Beach-----	-	-	-	-	128	-	1	-	-	-	-	-	-	1	-
Los Angeles-----	1	-	-	1	19	3	11	-	18	-	-	1	-	7	-
Oakland-----	-	-	-	-	15	-	3	-	1	-	-	-	-	3	-
Portland, Oreg.-----	-	-	-	-	7	-	-	-	7	-	-	-	-	-	-
Sacramento-----	-	-	-	6	2	-	-	-	8	-	-	-	-	2	-
San Diego-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
San Francisco-----	-	1	-	1	11	-	6	-	4	-	-	-	-	2	-
Seattle-----	-	-	-	1	14	-	-	-	22	-	-	-	-	1	-
Spokane-----	-	-	-	1	3	-	5	-	40	-	-	-	-	-	-
Tacoma-----	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Honolulu-----	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-

Provisional Statistics for Deaths in Selected Cities for
Week Ended January 24, 1953



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval

between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

GEOGRAPHIC DIVISION	3d week ended Jan. 24, 1953	2d week ended Jan. 17, 1953	week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 3 WEEKS		
					1953	1952	Percentage difference
TOTAL:106 REPORTING CITIES-----	11,421	11,527	9,998	+14.2	34,661	32,070	+8.1
New England----- (14 cities)	712	742	721	-1.2	2,172	2,093	+3.8
Middle Atlantic----- (17 cities)	3,415	3,300	3,007	+13.6	9,997	9,605	+4.0
East North Central----- (18 cities)	2,427	2,517	2,177	+11.5	7,402	6,628	+11.7
West North Central----- (9 cities)	973	928	766	+27.0	2,783	2,477	+12.4
South Atlantic----- (9 cities)	876	866	740	+18.4	2,694	2,370	+13.7
East South Central----- (7 cities)	462	557	411	+12.4	1,512	1,348	+12.2
West South Central----- (13 cities)	909	945	749	+21.2	2,764	2,415	+14.5
Mountain----- (7 cities)	323	294	216	+49.5	958	715	+34.0
Pacific----- (12 cities)	1,325	1,478	1,288	+2.9	4,389	4,419	-0.7

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
JANUARY 24, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	3d week ended Jan. 24, 1953	2d week ended Jan. 17, 1953	CUMULATIVE NUMBER FOR FIRST 3 WEEKS		CITY	3d week ended Jan. 24, 1953	2d week ended Jan. 17, 1953	CUMULATIVE NUMBER FOR FIRST 3 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	230	251	701	695	St. Paul-----	92	80	266	218
Bridgeport-----	34	30	103	105	Wichita-----	33	52	134	149
Cambridge-----	27	34	96	93	SOUTH ATLANTIC				
Fall River-----	28	30	82	86	Atlanta-----	99	112	351	310
Hartford-----	55	54	155	143	Baltimore-----	241	264	756	721
Lowell-----	24	22	72	78	Charlotte-----	20	26	93	95
Lynn-----	27	26	79	67	Miami-----	70	58	194	191
New Bedford-----	26	24	79	81	Norfolk-----	39	52	127	107
New Haven-----	44	50	150	133	Richmond-----	92	75	247	206
Providence-----	72	72	223	192	Tampa-----	65	68	209	205
Somerville-----	17	11	48	41	Washington, D. C.-----	220	182	635	423
Springfield, Mass.-----	35	43	110	118	Wilmington, Del.-----	30	29	82	112
Waterbury-----	32	29	95	97	EAST SOUTH CENTRAL				
Worcester-----	61	66	179	164	Birmingham-----	76	89	264	234
MIDDLE ATLANTIC					Chattanooga-----	51	37	141	160
Albany-----	44	68	166	90	Knoxville-----	26	36	100	79
Buffalo-----	169	150	488	453	Louisville-----	82	138	311	309
Camden-----	34	35	110	122	Memphis-----	141	164	417	331
Elizabeth-----	26	29	74	68	Mobile-----	38	31	107	85
Erie-----	32	35	121	104	Montgomery-----	(28)	(48)	(115)	(104)
Jersey City-----	80	77	240	248	Nashville-----	48	62	172	150
Newark, N. J.-----	117	93	373	427	WEST SOUTH CENTRAL				
New York City-----	1,852	1,741	5,390	5,067	Austin-----	42	22	94	70
Paterson-----	42	38	120	121	Baton Rouge-----	18	13	43	38
Philadelphia-----	517	528	1,448	1,494	Corpus Christi-----	26	17	70	50
Pittsburgh-----	189	192	558	560	Dallas-----	101	116	342	275
Rochester, N. Y.-----	116	111	328	285	El Paso-----	44	33	113	92
Schenectady-----	34	23	83	85	Fort Worth-----	71	68	220	170
Syracuse-----	64	56	186	155	Houston-----	113	128	421	393
Trenton-----	44	74	148	157	Little Rock-----	50	44	150	156
Utica-----	26	31	81	82	New Orleans-----	179	180	521	495
Yonkers-----	29	19	73	87	Oklahoma City-----	74	59	210	200
EAST NORTH CENTRAL					San Antonio-----	115	101	308	224
Akron-----	59	63	195	200	Shreveport-----	50	46	158	135
Canton-----	19	28	76	104	Tulsa-----	25	18	114	117
Chicago-----	907	880	2,544	1,961	MOUNTAIN				
Cincinnati-----	143	164	484	481	Albuquerque-----	33	42	114	80
Cleveland-----	211	206	646	638	Colorado Springs-----	22	20	65	40
Columbus-----	124	127	353	308	Denver-----	158	121	433	326
Dayton-----	60	75	201	193	Ogden-----	8	17	43	35
Detroit-----	327	358	1,071	920	Phoenix-----	18	30	70	67
Evansville-----	3	43	80	99	Pueblo-----	18	14	58	34
Flint-----	30	34	110	121	Salt Lake City-----	66	50	175	133
Fort Wayne-----	34	39	108	82	Tucson-----	(6)	(5)	(17)	(20)
Grand Rapids-----	48	47	133	116	PACIFIC				
Indianapolis-----	134	115	376	349	Berkeley-----	16	22	63	67
Milwaukee-----	133	115	404	391	Long Beach-----	51	55	162	157
Peoria-----	31	38	95	112	Los Angeles-----	518	485	1,595	1,613
South Bend-----	23	29	69	84	Oakland-----	104	110	336	377
Toledo-----	82	99	288	306	Pasadena-----	41	37	123	107
Youngstown-----	59	57	169	163	Portland, Oreg.-----	100	128	331	395
WEST NORTH CENTRAL					Sacramento-----	38	71	166	150
Des Moines-----	59	68	174	166	San Diego-----	68	100	250	258
Duluth-----	30	20	98	68	San Francisco-----	185	262	700	677
Kansas City, Kans.-----	43	47	134	107	Seattle-----	111	123	391	374
Kansas City, Mo.-----	191	157	447	392	Spokane-----	51	49	150	119
Minneapolis-----	159	155	458	376	Tacoma-----	42	36	122	125
Omaha-----	80	91	245	211	Honolulu-----	(32)	(40)	(114)	(99)
St. Louis-----	286	258	827	790					

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.